•	•				<u> </u>	. Patent and Trademar			TMENT OF COM	MERCE
Substi	tute	for F	orm 144	9A/PTO	Application Number			10/713,531		
_				STPE	Filing Date			November 12, 2003		
			isclos: Appl _i ic		First Named Inventor			s. Konuma		
			E	APR 0 5 2004	Group Art Unit					
1 8 2						r Name	Not Yet Assigned			
Sheet 1 of MADEWAY				Attorney Docket Number			03684/LH			
U.S. PATENT DOCUMENTS										
Exam. Cite Inits* No ¹		Document Number			Kind Code ²	Name of Patentee Applicant	or	Publication Relev Date MM-DD-YYYY Port		
FOREIGN PATENT DOCUMENTS										
Exam Inits	Cite No ¹	Offc³	fc ¹ Document Number ⁴			Name of Patentee or Applicant		Publication Date MM-DD-YYYY	Relevant Portion	T'
Self	A	JР	JP 2971009			HITACHI ELECTRON SERVICE CO LTD		08-27-1999		X*
564	В	JP	JP 06-027931			BROTHER IND LTD		02-04-1994		x*
			, .			•			,	х*
										х•
					·			i		X* X*
	ŀ							,		^*
				sh Language	e					
		<u> </u>	Abstra	ct only			اا			
Examiner Signature			L	Date)	14106				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE MAILED: April 5, 2004

Unique citation designation number. 2 See kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIFO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 3 Kind of document by the appropriate symbols as indicated on the document under WIFO Standard ST. 16 if possible. 4 Place a check here if English translation is attached.